VOLUME XXXIX

INDEX OF SUBJECTS AND AUTHORS

Only main topics are listed and reference is given to the first page of each paper in which they are discussed

alcohol dehydrogenase in wheat-rye hybrids 105
A!-Doori, Z., 99
allele frequencies and gene conversion, 199
American I.Q., 187
Appels, R., 149, 157
Ascobolus immersus, *b2* spore colour, 121
  gene conversion, 121
  Aston, R. J., 261

Babiarz, B., 111
Barthelmess, I. B., 169
Bechtol, K. B., 79
Bennett, D., 111
Bishop, J. O., 31
Briscoe, D. A., 41

Chakraborty, R., 303
Chapman, R. E., 139
Charlesworth, B., 227
chiasma localization in *D. melanogaster*, 149
Crichton, D. N., 275
cytogenetic boundaries of rDNA, 149

'discrete allelic-state' model, 303
D.N.A., highly repeated – analysis, 1
Drosophila melanogaster, aldehyde oxidase, 41
  esterase 6, 41
  esterase-C, 41
  heterochromatin, 149, 159
  isocitrate dehydrogenase, 41
  meiotic pairing in males, 149
  meiotic segregation, 157
  multilocus non-random associations, 41
  octanol dehydrogenase, 41
  phosphoglucomutase, 41
  ribosomal DNA, 149
  second chromosome, compound, 159
  third chromosome, 41
  xanthine dehydrogenase, 41

Falconer, D. S., 237
founder effects and speciation, 227
Frith, P. A., 139

Garrisi, G. J., 111
Gauld, I. K., 237
gene conversion and allele frequencies, 199
  in *Ascobolus*, 121
genetic distance, 63
genetic drift, random and mutations, 303
Gill, A. C., 1
Glenister, P. H., 315

Haedens, V.,121
Hainey, S., 31
Hall, B. G., 287
Hammerberg, C., 219
Helmi, S., 199
highly repeated D.N.A.-analysis, 1
Hilliker, A. J., 149, 157
Honey, N. K., 261
Holm, D. G., 157

Imai, K., 287
I.Q. and path-analysis, 187
Isaacson, J. H., 237

Johnston, L. H., 85

Kalogeropoulos, A., 121
Klebsiella, *elu A*, *B*, *C*., 287
  lac-PTS, 287

lactosephosphotransferase in *Klebsiella*, 287
Lalouel, J. M., 187
Lamb, B. C., 199
Leblon, G., 121
Lew, R., 187
linkage disequilibrium, 63
lipofuscin and mouse spleen, 275
Lyon, M. F., 315

Malpica, J. M., 41
meiotic segregation, 157
Miklos, G. L. G., 1
mismatch correction in *Ascobolus*, 121
Morton, N. E., 187

mouse, brindled-Mo^{br}, 237
C57-BL strain, 275
fifth chromosome, 315
haematopoiesis, 315
hair and follicles of naked mice, 139
sash-W^{sh}, 315
splenic lipofuscinosis, genetic basis, 275
t-haplotypes, abnormal transmission ration-A, 219; embryonic lethality-L, 219; male reproduction, 219; sex and lethality, 79; t^{6}/t^{w5} heterozygotes, 79; T^{hp}, 111; T^{Orl}, 111; tail determining – T, 219; t^{w73} – deletion mapping, 111
X-chromosome inactivation, non-random, 237
urinary proteins, 31
multilocus non-random associations, 41

Nei, M., 303
Neurospora crassa, amino acid cross-pathway control, 169
cpc-1, 169
neutral mutations, 63
non-random X-chromosome inactivation in mice, 237

Paquette, N., 121
path analysis under generalized assortative mating, 187
Pennycuik, P. R., 139
6-phosphogluconate dehydrogenase, 105
Physarum polycephalum, non-selfing mutants – Npf^{-}, 261
selfing mutants – Het^{-}, 261

Rao, D. C., 187
Rao, N., 105
Rao, P., 105
Raphael, K. A., 139
recombination-detection in yeast, 85
Romano, C. P., 287
Rossignol, J.-L., 121
rye–wheat, translocation, 105

Saccharomyces cerevisiae, galactokinase, 85
recombination, detection of, 85
satellite D.N.A., 1
Scaife, J., 99
Shire, J. G. M., 275
Smith, D. B., 227
speciation and founder effects, 227
splenic lipofuscinosis of mouse, 275

Takahata, N.,63

urinary proteins in mice, 31